

Converting Colors

HunterLab(70.3392, -47.8470,
23.9851)

Have a look what the booklet for
HunterLab(70.3392, -47.8470,
23.9851) contains.

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Color

**HunterLab(70.2456,
-47.7811, 24.0233)**

Conversions

Conversions Part 1

Format	Color
Hex	40D384
RGB	64, 211, 132
RGB Percent	25%, 83%, 52%
CMY	0.7490, 0.1725, 0.4823
CMYK	0.70, 0.00, 0.37, 0.17
HSL	148°, 63%, 54%
HSV	148°, 70%, 83%
XYZ	29.5735, 49.3444, 29.7956
YIQ	158.0410, -62.2530, -55.7330

Conversions

Conversions Part 2

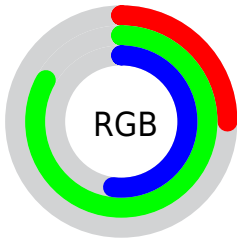
Format	Color
RYB	64, 165, 211
Decimal	4248452
CIELab	75.67, -56.30, 28.20
CIELCh	76, 62.964, 153.395
Yxy	49.3464, 0.2720, 0.4539
Android (android.graphics.Color)	4282438532 (0xFF40D384)
YUV	158.0410, -12.8382, -82.4740
Hunter-Lab	70.2456, -47.7811, 24.0233

Details

The HunterLab color **70.2456, -47.7811, 24.0233** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **44.1587, 58.7714, -6.6543**, and the grayscale version is **58.5605, -3.1246, 3.1817**.

A 20% lighter version of the original color is **89.2929, -48.9619, 23.3193**, and **49.0427, -37.6196, 19.9107** is the 20% darker color. If you saturate the color by 10%, you get **69.6233, -50.7777, 26.7004**, and if you desaturate by 10%, it is **71.0774, -43.9351, 21.2379**.

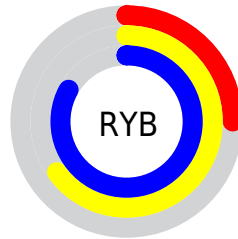
Distribution



Red (25%)

Green (83%)

Blue (52%)



Red (25%)

Yellow (65%)

Blue (83%)

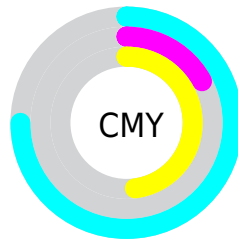


Cyan (70%)

Magenta (0%)

Yellow (37%)

Black (17%)



Cyan (75%)


Magenta (17%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.2456, -47.7811, 24.0233 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 70.2456, -47.7811, 24.0233 by changing the saturation by 10% instead.


 70.2456, -47.7811,
24.0233


 70.2456, -47.7811,
24.0233


195.9859,
-77.1525, 41.8553


 59.0715, -43.9596,
21.8445


 94.4488, -54.9518,
28.1996

 48.5608, -39.9279,
19.5805


 107.4159,
-58.3532, 30.2209


 38.7601, -35.6292,
17.2054


 120.9275,
-61.6580, 32.2097

 29.7252, -30.9803,
14.6815

 134.9625,
-64.8806, 34.1725

 21.5274, -25.8546,
11.9537

 149.5019,
-68.0326, 36.1146

 14.2630, -21.5293,
9.9841

164.5290,

 7.9202, -13.8604,

-71.1235, 38.0401

5.5442

180.0283,
-74.1613, 39.9528

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2456, -47.7811,
24.0233

■ 70.2456, -47.7811,
24.0233

■ 69.6233, -50.7777,
26.7004

■ 71.0774, -43.9351,
21.2379

■ 69.1880, -52.9703,
29.2295

■ 72.1269, -39.2253,
18.3813

■ 68.9031, -54.5002,
31.5642


■ 73.4028, -33.6690,
15.4924


■ 68.8947, -54.5461,
31.6371

■ 74.9085, -27.3067,
12.6081


■ 76.6436, -20.1964,

9.7619

 78.6051, -12.4081,
6.9835

 80.7874, -4.0185,
4.2975

 83.1829, 4.8938,
1.7235

 85.7832, 14.2523,
-0.7241

Harmonies

Analogous

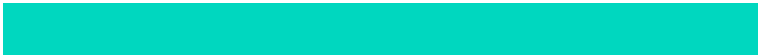
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2470, -32.4420, 35.6929



70.2456, -47.7811, 24.0233



70.2470, -52.0609, 0.5380

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2470, -47.7819, 24.0238



70.2470, -0.3462, -74.6518



70.2470, 50.4279, 27.5925

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.2456, -47.7811, 24.0233



44.1587, 58.7714, -6.6543

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.2470, 62.6527, 6.9580



70.2456, -47.7811, 24.0233



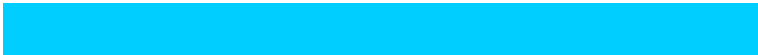
70.2470, 30.4394, -58.1489

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2470, -47.7819, 24.0238



70.2470, -27.4910, -63.9499



70.2470, 54.7953, -25.0380



70.2470, 23.6291, 37.0724

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2456, -47.7811, 24.0233



70.2470, -48.7696, -21.2812



70.2470, 54.7953, -25.0380



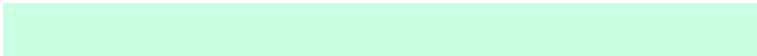
70.2470, 56.5621, 22.1199

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.2470, -47.7819, 24.0238



94.6061, -26.4558, 12.6406



72.7784, -39.3810, 40.2044



43.4840, -13.4009, 6.3018

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2470, -47.7819, 24.0238



85.9519, -64.4562, 34.7509



72.1273, -36.4688, -2.9744



36.4636, -5.6527, 3.2038



53.5389, -42.2559, 24.2995



12.7227, -9.6025, 4.8268

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.1587, 58.7714, -6.6543



50.2290, 82.7479, -4.6827



42.3982, 51.4629, 18.6069



34.5152, 2.0230, 0.7173



30.1722, 54.1427, 0.3351



7.2454, 13.2036, -1.4855

Previews

White Background



This preview shows how the HunterLab color 70.2456, -47.7811, 24.0233 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 70.2456, -47.7811, 24.0233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

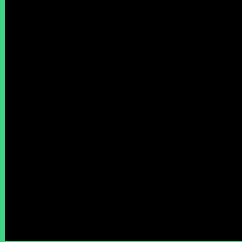
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 70.2456, -47.7811, 24.0233 Background



This preview shows how black text looks on a background with the HunterLab color 70.2456, -47.7811, 24.0233.



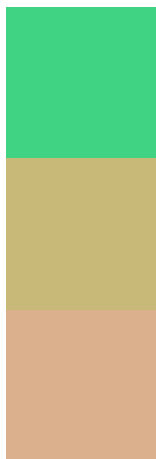
This preview shows how white text looks on a background with the HunterLab color 70.2456,

-47.7811, 24.0233.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.2456, -47.7811, 24.0233

Protanopia

69.6390, -6.8117, 27.3910

Deuteranopia

69.4573, 5.3249, 21.7134



Tritanopia

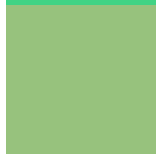
70.1925, -25.6052, -12.6454

Trichromacy



Original Color

70.2456, -47.7811, 24.0233



Protanomaly

68.2961, -26.0657, 24.7839



Deuteranomaly

67.7368, -19.4209, 20.6834



Tritanomaly

70.0661, -35.1049, 3.2501

Monochromacy



Original Color

70.2456, -47.7811, 24.0233



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

61.5624, -22.3175, 10.1595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2456, -47.7811, 24.0233 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(64, 211, 132)` looks like.

```
.text, #text, p{  
    color:rgb(64, 211, 132)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(64, 211, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 211, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2456, -47.7811, 24.0233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 211, 132) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(64, 211, 132) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(64, 211, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 211, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 211, 132);  
box-shadow:4px 4px 4px 4px rgb(64, 211,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2456, -47.7811, 24.0233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 211, 132) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(64, 211,  
132) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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